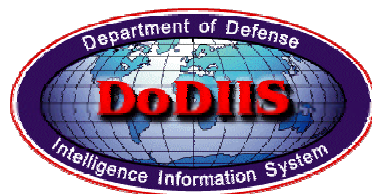




DoDIIS

Life Cycle Management and Certification Process

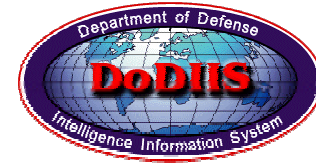


Kara A. Byrd
DoDIIS SIMO
Life Cycle Management
27 March 2000





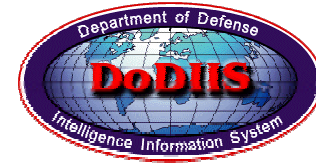
Overview



- **Purpose**
- **Regulations and Documents**
- **DoDIIS Life Cycle Management**
- **DoD Milestone I-III Approval Process**
- **DoDIIS Certification Process**
- **Discussion**



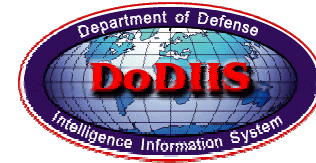
Purpose



Overview the DoDIIS Life Cycle Management and Certification Process



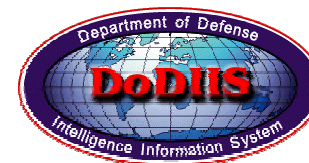
DoDIIS



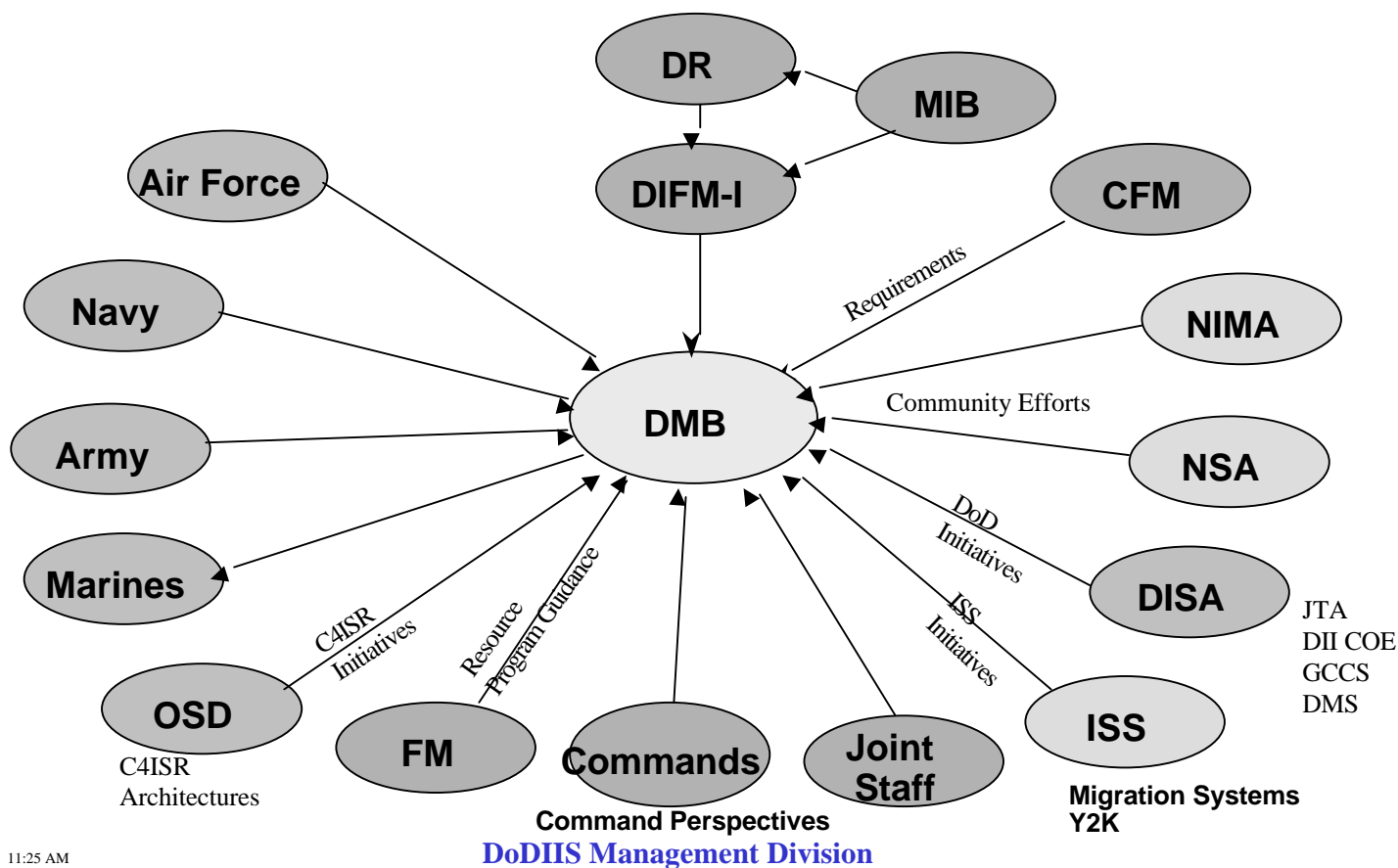
- **DoDIIS is the aggregate of IT funds and manpower for over 150 sites**
- **Guidance and Processes exist to Govern the Planning and Programming of IT Resources**
 - **Developing, Testing, Fielding, and Sustaining Intelligence IT Capabilities**



DMB Environment

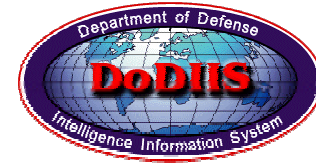


✓ These organizations drive DoDIIS Community activities





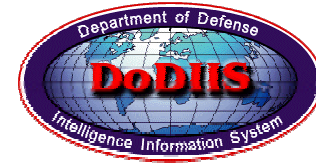
Supporting Regulations/Documents



- **1971 - DoD Directive 5000.1 Issued**
- **1994 - DoD 5105.21 - DIA/DR is DoDIIS Manager**
- **1995 - Unified Commands Requested IT System Certification**
- **1996 - DoD 5000.2-R, *Mandatory Procedures for Major Defense Acquisition Programs and Major Automated Information Systems* Published**
- **1996 - DIA/DR Direction - Implement DoDIIS Life Cycle Management Process IAW DoD 5000**
- **1996 - Clinger-Cohen Act: ITMRA**
- **1999 - *DoDIIS Instructions* Published**
- **1999 - OSD Approval of *DoDIIS Instructions***



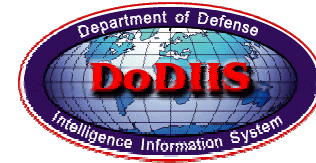
DoDIIS Management



- **DoDIIS Milestone Decision Authority and Certification to Field Authority delegated to DoDIIS Management Board**
- **DIA/DR Delegated Milestone Decision Authority for DIA-Developed Intel IT to the DIFM-I**
- **DIFM-I as the DMB Chairman Recommends Certificate to Field for Non-DIA-developed Intel IT Capabilities**
 - **Has Go/No Go Authority for Fielding Within DoDIIS**
- **Life Cycle Management Staff Provides Oversight**



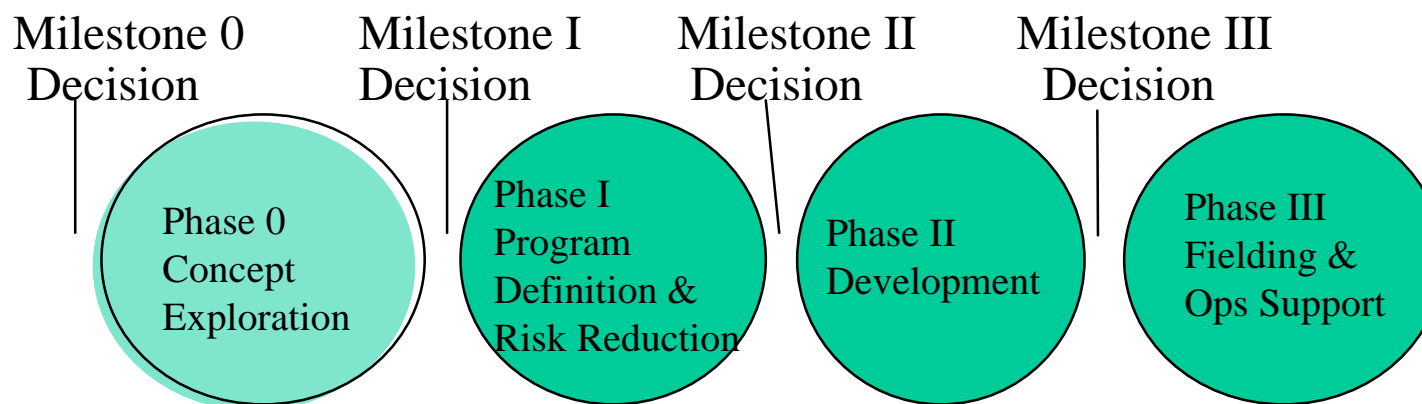
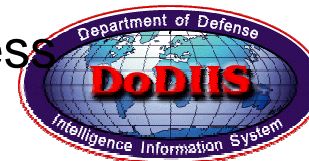
LCM Staff Responsibilities



- **Oversee Implementation of DoD Information Technology Acquisition Policy IAW DoD 5000-series**
- **Support DMB In Its Decision-Making Role for Milestone Decisions**
 - **Review Acquisition Decision Memorandum (ADM) Packages**
 - **Provide Go/No Go Recommendations to the DMB**
 - **Provide Staff Support regarding Reporting, Votes, Results & Coordination**
- **ENGAGE, EDUCATE & ENFORCE**

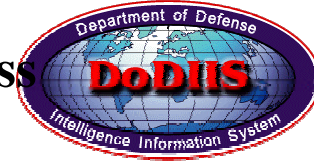


DoD 5000.2-R Milestone Approval Process





DoD 5000.2-R Milestone Approval Process



Milestone III Decision

Phase III
Fielding and Support

A diagram consisting of a large green oval with a white rectangular box in the center. The text "Phase III" and "Fielding and Support" is centered within the white box.

Milestone III Interim Decision: Proceed to Beta II Testing

Milestone III Decision: Receive a Certificate to Field

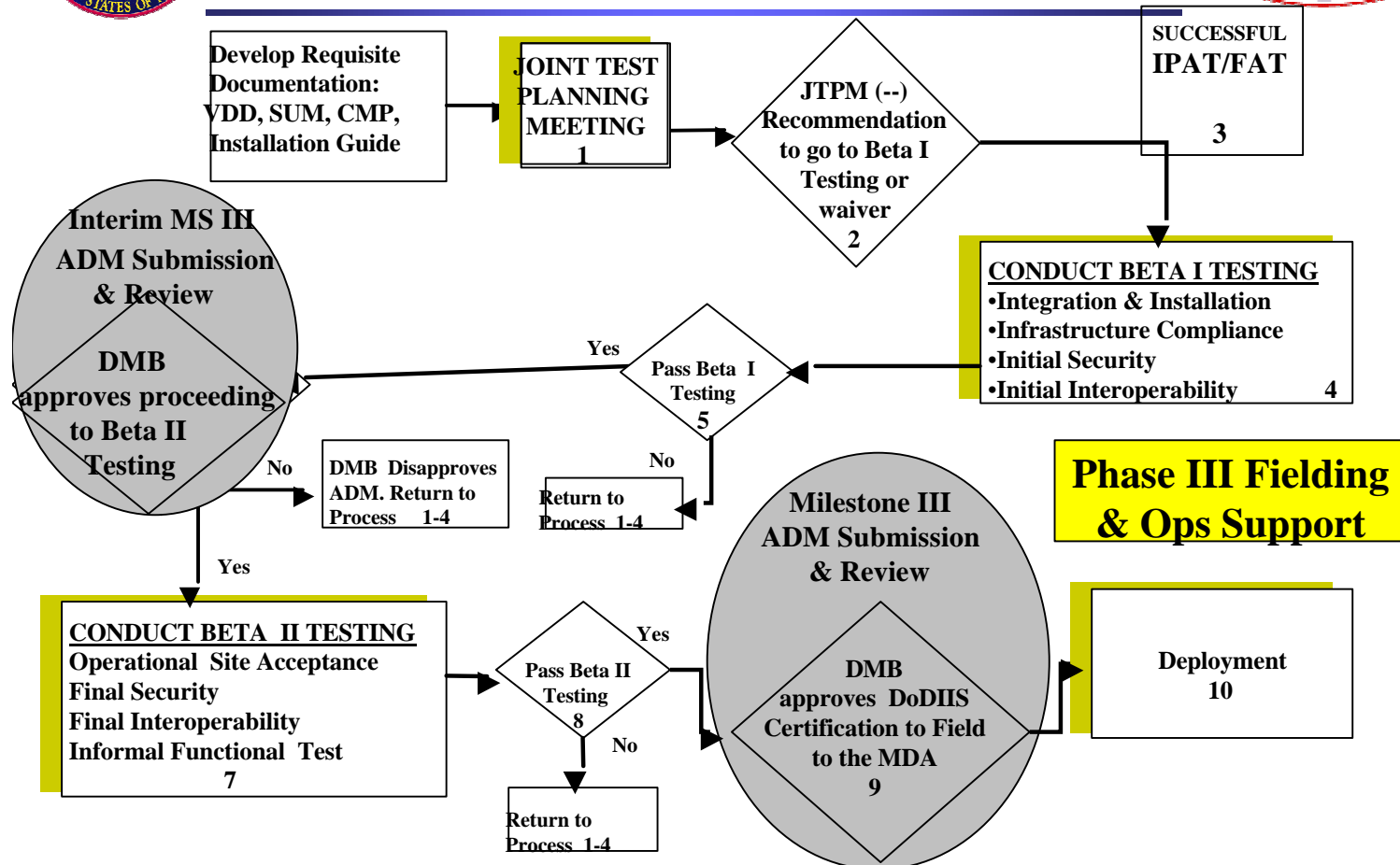
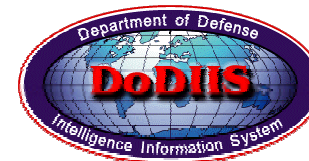
Phase III:

Fielding of System or New Version of Existing System

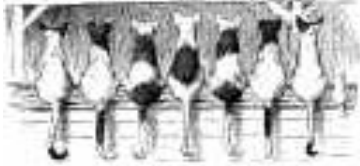
Maintenance of System (Correct Deficiencies)



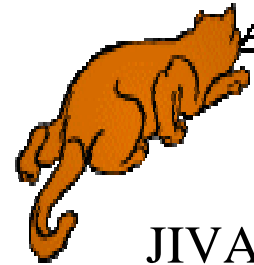
DoDIIS LCM PROCESS



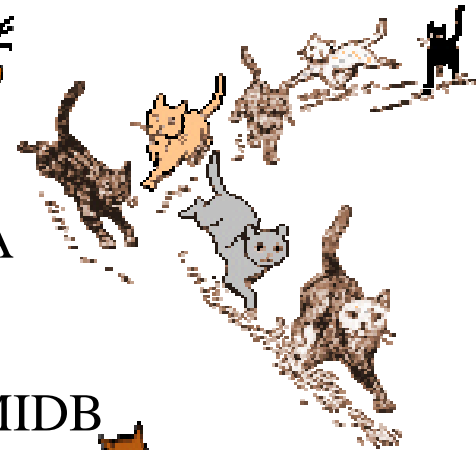
Compliant Systems



AMHS
COLISEUM
CSP-HOL
DE
IESS
JCMT



JIVA



LCM

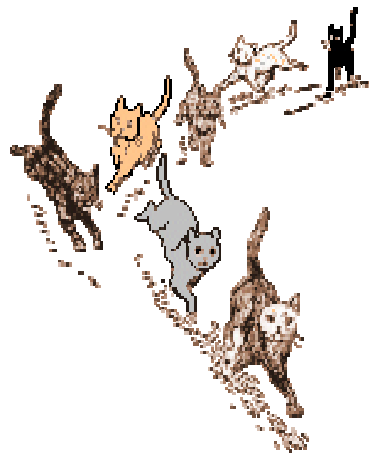
MIDB



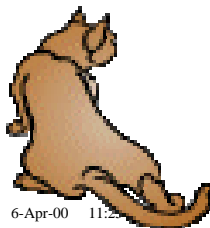
IPL



RMS

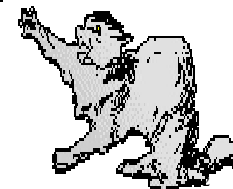
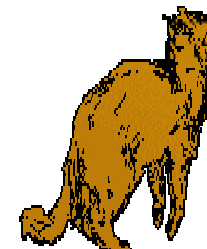
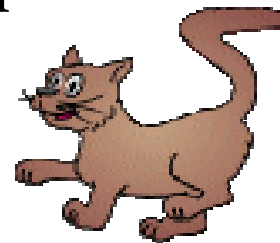


GALE



MDITDS

DoDIIS Management Division



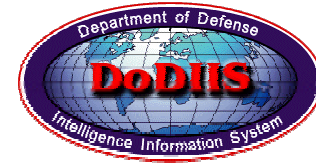
Reality in the Field



**Systems unable to integrate, operate or interoperate reliably.
Increased need for testing at each site.
Detrimental Impact to Operations.**

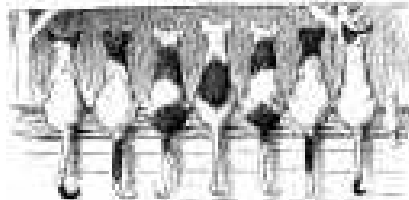
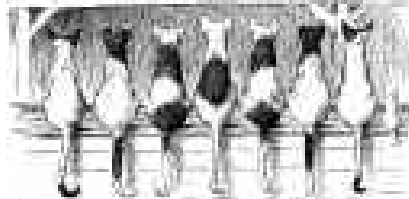


Process Improvements Over Last 9 Months



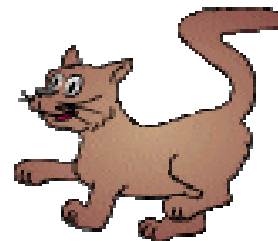
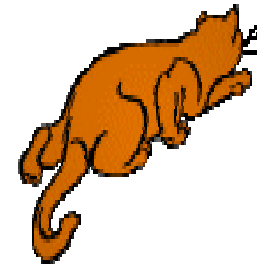
- Major Revitalization of LCM
- Increased Education and Awareness of Testing and Certification Requirements in DoDIIS Community
- More PM and User Involvement
- Refined Testing Procedures and Reporting
- Refined LCM to DRB/DMB procedures
- Rigorous Enforcement of Requirements
- Equitable Application of Rules
- Increased Program Status Reporting to Community - Full Disclosure

Compliant Systems



AMHS
COLISEUM
CSP-HOL
DE
IESS
JCMT
Broadword

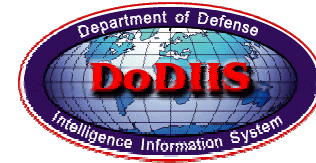
COSMEC
GALE
GALE-LITE
GALE-MAKO
IAS
IEC
IPL
JCE
JDISS
JIVA
JMC
JTT
MDITDS
MEPED
MIDB
NL
NTSDS



DoDIIS Management Division



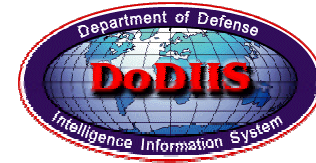
Process Shortfalls



- Inadequate “build to” spec guidance and enforcement
- Community Review occurring too late in process
- Inconsistent Requirements Verification
- Lack of Independent Functional Testing
- Many DoDIIS Systems are still not Compliant
- Must Continue to Educate Community
- Community must determine software upgrade frequency
 - IMAs - no more than 1 release every 6 months
 - Enterprise Assets? JIVA wishes to update every 6 wks
 - LCM will staff Community vote at upcoming WW



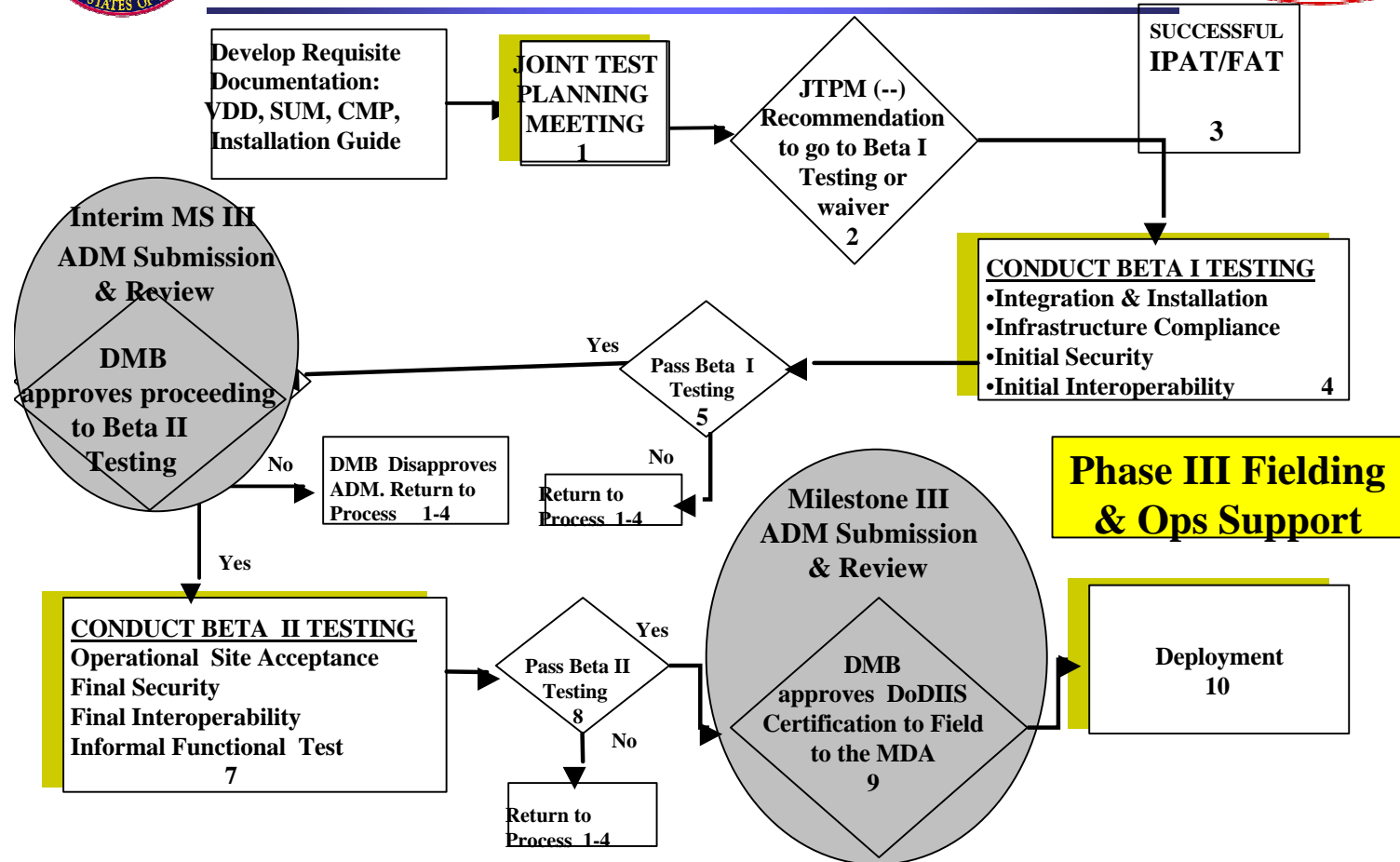
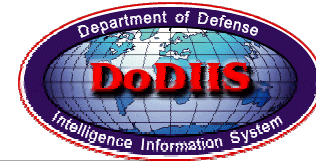
Process Shortfalls



- Length of Testing/Certification Process
 - Recommend moving Interim MS III Decision prior to Beta I
 - Delegate Approval to Proceed to Beta II to DoDIIS LCM

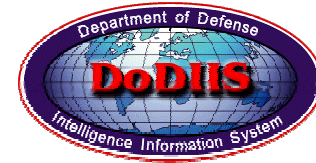


DoDIIS LCM PROCESS





Conclusion



- **DoDIIS Life Cycle Management Process Exists to Build an Interoperable DoDIIS Inventory**
 - **LCM Process is still evolving with room for improvement**
 - **Testing Process should be modified to include independent functional testing and accommodate enterprise approach**
-
- **Adherence is Mandatory and Critical to Provide Accurate Information to our Decisionmakers and the Warfighters**